

# Engineering X

Founded by the Royal Academy of Engineering  
and Lloyds Register Foundation



## Project Background

Ugandan manufacturing industries are challenged with lack of holistic engineering safety practices; this stems from limited or lack of training of engineering professionals as well as inadequate inspection of manufacturing facilities.

UIPE seeks to establish a permanent and routine programme for inspection and training in safety engineering.

The project will enable UMA member engineers and UIPE constitute a voluntary self-assessment body of OHS professionals and practitioners.

## Target Group

1. OHS officers
2. Masters Students doing OHS Projects
3. Engineers, Technician and Technologists in the Manufacturing sector

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## Partners



UGANDA MANUFACTURERS  
ASSOCIATION



THE REPUBLIC OF UGANDA  
Ministry of Gender, Labour  
& Social Development



MAKERERE UNIVERSITY  
CEDAT



UGANDA INSTITUTION  
OF PROFESSIONAL ENGINEERS  
**Uganda Institution of  
Professional Engineers**  
uipe.co.ug



## Project Objectives

The goal of the project is to train mid-career and lower engineering professionals in areas of engineering safety Objectives:

a) To conduct work-based training for engineering professionals in safety engineering b) To promote policy development on

work-based training c) To devise approaches for strengthening engineering inspection works

## Project Activities

1. Carrying out training workshops on safety engineering for engineers
2. Carry out print and electronic sensitization programmes to promote voluntary compliance
3. Conduct specialized training and sensitization of employers and employees on OSH safeguards
4. Conduct soft skills training in Work, People, Money and Entrepreneurial skills for fresh graduates
5. Carrying out institutional policy development on safety in engineering (Regulations)
6. Graduate Training Practice placements
7. Supporting engineering safety certification

## Project Outcomes

1. Reduced engineering accidents
2. Increased self-awareness of manufacturing population
3. Increased employment opportunities, More safety officers employed
4. Increased productivity of the employees and enterprises, with less lost time due to injuries
5. Enhanced capacity of the systems and structures to coordinate, implement, monitor safeguards, safety and health at workplaces activities  
Improved Non-Tax Revenue collection

## Project Impact

Visibility of the safety function in the manufacturing sector

Integrated management systems in quality, safety and environment will be realized.